BRUHAT BANGALORE MAHANAGARA PALIKE

BBMP/2021-22/OW/WORK_INDENT49263

APPROVED SCHEDULE - B

No.EE/BTP/BBMP/E-PMT/11/2021-22, Date: 15-12-2021

Name of Work:Improvements to roads and drains in Tatanagara, Devinagara and Surrounding areas in ward No. 08, Kodigehalli

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K M Nagesh ( )	
				In Figures	In Words
1	952.44	KSRRB300-1. Earthwork excavation by manual means for roads, drains & similar works in ordinary soil excavated surface levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking of clods complete as per specifications.(I.NO 19.1,Page no 143 SR 2018-19)	CUM	215.28	Rupees Two Hundred Fifteen and Twenty Eight Paise Only
2	126.78	KSRB 4-12: Providing and laying Plain cement concrete 1:3:6 mix with OPC 220kgs with crushed stone aggregate 40 mm and down size graded granite metal coarse aggregates @0.892Cum and fine aggregates @ 0.465Cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2 (P.No-13,I No-4.2 of PWD BCSR 2018-19)	CUM	5989.25	Rupees Five Thousand Nine Hundred Eighty Nine and Twenty Five Paise Only
3	15.81	KSRB M2200-6 Providing T.M.T bars Fe 500 steel reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. MORTH Specification NO.1600&2200Specification No. Pg No.229 Item No.28.8.2	MT	90596.08	Rupees Ninety Thousand Five Hundred Ninety Six and Eight Paise Only
4	280.91	Providing laying plain/ reinforced cement concrete for side Drains Using M20 nominal mix Concrete with OPC at 300kgs.With 20mm and Down size granite metal coarse aggregate at 0.69Cum and fine aggregate at 0.43Cum Machne mixed, well compacted for wall and Bottom including centering shuttering,cost of materials,HOM of Machinery,Curing Etc.,Complete Excluding cost of Steel as per morth MORTH specification No. 1500, 1700, 2200. Including Cost of material, Labour, HOM complete as per Specification WALL & Bottom thickness 15Cm(Item No 37.59.2 page no 271)	CUM	7729.67	Rupees Seven Thousand Seven Hundred Twenty Nine and Sixty Seven Paise Only
5	679.01	Providing and Fixing Pre cast covering Slab 100mm thick made out of CC, jelly 20mm Down size with steel reinforcement including form work,curing,including cost of alll materials, labour,hire charges of machinery, loading, unloading, lead and lift,transportation etc ,complete.As per Engineer incharge. (Data Rate)	SQM	2337.0	Rupees Two Thousand Three Hundred Thirty Seven Only
6	38.88	Supply and fixing Precast reinforced concrete slab 250cm thick including cost of reinforcement as per design and drawing, material cost, transportation, hire charges of machinery, machine cutting the vertical face to get plain even surface etc., complete with all leads and lift conveynce charges, labour charges inclusive of cost of all materials.	SQM	5418.0	Rupees Five Thousand Four Hundred Eighteen Only
7	7.4	KSRB 4-1.6 ; Providing and laying in position plain cement concrete of Mix 1:2:4 with OPC @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @ 0.878 Cum and fine aggregtes @ 0.53Cum, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM curing complete as per specifications. Specification No. KBS 4.1, 4.2. (P.No-13,I No-4.6)	CUM	6274.89	Rupees Six Thousand Two Hundred Seventy Four and Eighty Nine Paise Only
8	822	Providing and fixing pre cast solid cement concrete kerb stones made out of CC 1:2:4 with top and bottom width 114 and 165 mm respectively, 400mm high and 450mm in length finished with CM 1:3 plastering and finishing cutting including formwork, curing, including cost of materials, labour charges of machinery, loading and unloading, lead and lift, transportation ete.,complete. As per the direction of Engineer incharge. (P.No.27, I.No.5.30 of PW, P&IWTD SR 2018-19)	NOS	432.48	Rupees Four Hundred Thirty Two and Forty Eight Paise Only
9	129.46	KSRRB 15-51.2 Providing and applying Painting in two coats with plastic emulsion paint of approved brand on wall surace to given an approved shade after throughly brushing the surfce, free from mortordrops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour complete as per specifications. with primer coat (Page No.119. litem no.15.51.2 of KPWD S.R Bangalore Circle 2018-2019)	SQM	95.4	Rupees Ninety Five and Forty Paise Only
10	188.25	KSRRB M300-14. Excavation for roadwork in all types of soil by mechanical means including cutting and loading to tippers, trimming bottom and side slopes, in accordance with requirements of lines, grades and cross sections, and transportation with a lead of 1.00 km and complete as per specifications MORTH Specificatio MORTH Specification No.301Loading and unloading (I No 19.14,P No-143) (8 km lead = 2*1.28X5)	Cum	63.94	Rupees Sixty Three and Ninety Four Paise Only

Signature of Contractor

Executive Engineer

Name of Work:Improvements to roads and drains in Tatanagara, Devinagara and Surrounding areas in ward No. 08, Kodigehalli

Sl. No.	Approved Qty.	Description	Unit	Approved Tender Rates of K M Nagesh ( )	
				In Figures	In Words
11	627.5	KSRRB 300-58. Compaction of original ground by mechanical means including filling in depression occuring during rolling including cost of all labour, HOM complete as per specifications.(I No-19.64,P No-147)	SQM	6.36	Rupees Six and Thirty Six Paise Only
12	94.12	KSRRB M400-17. Providing, laying, spreading and compacting cushed stone aggregates of granite / trap / basalt to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed materials by tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications(P.No-155,I No-20.18)	CUM	2001.28	Rupees Two Thousand One and Twenty Eight Paise Only
13	2725	Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and / or compressed air to receive bituminous treatment including cost of all materials, labour, HOM of machineries complete with all lead and lift as per the direction of engineer-in-charge	SQM	5.3	Rupees Five and Thirty Paise Only
14	627.5	KSRRB M500-6. Providing and applying primer coat with S.S. bitumen emulsion on prepared surface of granular base such as WMM including cleaning of road surface and spraying primer at the rate of 0.60 kg / Sqm using mechanical means complete as per specifications Clause 502 of MORTH V revision(P.No-158,I No-21.6)	SQM	33.92	Rupees Thirty Three and Ninety Two Paise Only
15	49.08	KSRRB M500- 15. Providing, laying dense graded bituminous macadam using 40/60 TPH capacity H.M.P with Mechanical paver Gr-II (50mm to 75mm), crushed aggregates of specified grading premixed with 4.5% VG 30 grade bituminous binder and , transporting the hot mix to work site , laying to the required level and grade, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH table 500-10 complete in all respects complete as per specifications MORTH Specification No.507 (P.No.160 It.No.21.17.6)	CUM	8545.72	Rupees Eight Thousand Five Hundred Forty Five and Seventy Two Paise Only
16	3079	KSRRB 500-7. Providing and applying tack coat using 80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 Sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, HOM complete as per specifications (P.No-161,I No-21.7)	SQM	12.72	Rupees Twelve and Seventy Two Paise Only
17	123.16	Providing and laying bituminous concrete 40 mm thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with a paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specification clause No. 500.9 complete in all respects complete as per specifications. MORTH Specification No. 509 - using40/60 TPH capacity H.M.P. with Mechanical Paver Gr-II (30 mm to 45 mm) with 5.4 % VG-30 Bitumen (P.No-162 I No-21.22.6)	CUM	10001.1	Rupees Ten Thousand One and Ten Paise Only
18	94.75	KSRRB M800-13.Road Marking with Hot Applied Thermoplastic Compound with Reflectrising Glass Beads on Bituminous Surface/ Concrete Surface: Providing and laying of hot applied thermoplastic compound 2.5 mm thick including reflectorising glass beads at 250 gms per Sqm area, thickness of 2.5 mm is exclusive of surface applied glass beads as per IRC:35 standards specified. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH Specification No. 803(P.No-182,I No-24.15)	SQM	454.74	Rupees Four Hundred Fifty Four and Seventy Four Paise Only

Signature of the Contractor

Executive Engineer
Byarayanapura Division
BBMP, Bangalore - 92

15/03

15/03